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Set	Items	Description
?	E	AU=CERQUETTI, M?

Ref	Items	Index-term
E1	1	AU=CERQUETTI, M C.
E2	2	AU=CERQUETTI, M*
E3	0	*AU=CERQUETTI, M?
E4	2	AU=CERQUETTI, MARI A C.
E5	1	AU=CERQUETTI, MARI A CRI STI NA
E6	49	AU=CERQUETTI, MARI NA
E7	51	AU=CERQUETTI, MC
E8	10	AU=CERQUETTI, MC*
E9	4	AU=CERQUETTI, MCRI STI NA
E10	2	AU=CERQUETTI, MO
E11	1	AU=CERQUETTI, P.
E12	1	AU=CERQUETTI NI C

Enter P or PAGE for more

? S e1-E8

	1	AU=CERQUETTI, M C.
	2	AU=CERQUETTI, M*
	0	AU=CERQUETTI, M?
	2	AU=CERQUETTI, MARI A C.
	1	AU=CERQUETTI, MARI A CRI STI NA
	49	AU=CERQUETTI, MARI NA
	51	AU=CERQUETTI, MC
	10	AU=CERQUETTI, MC*
S1	116	E1- E8
? S S1 AND ((DI FFI CI LE) OR (CLOSTRI DI UM(W DI FFI CI LE))	116	S1
	86448	DI FFI CI LE
	266143	CLOSTRI DI UM
	86448	DI FFI CI LE
	56206	CLOSTRI DI UM(W DI FFI CI LE
S2	11	S1 AND ((DI FFI CI LE) OR (CLOSTRI DI UM(W DI FFI CI LE))

? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S3 9 RD (unique items)

? T S3/3, K/1-9

>>>KW C option is not available in file(s): 399

3/3, K/1 (Item 1 from file: 24)
 DI ALOG(R) File 24: CSA Life Sciences Abstracts
 (c) 2009 CSA. All rts. reserv.

0003364984 IP ACCESSI ON NO: 8514072
 Surface layer proteins from Cl ostr i di um di ffi ci le induce
 inflammatory and regulatory cytokines in human monocytes and dendritic
 cells

Ausiello, Clara Maria; Cerquetti, Marina; Fedele, Giorgio;
 Spensieri, Fabiana; Palazzo, Raffaella; Nasso, Maria; Frezza, Simona;
 Mastrantonio, Paola
 Department of Infectious, Parasitic and Immune-mediated Diseases,
 Anti-Infectious Immunity Unit, Istituto Superiore di Sanita, Viale Regina
 Elena 29, 00161 Rome, Italy, [mailto:ausiello@ss.it]

lactate dehydrogenase cl ostridium txt
Microbes and Infection, v 8, n 11, p 2640-2646, September 2006
PUBLICATION DATE: 2006

PUBLISHER: Editions Scientifiques et Médicales Elsevier, 23 rue Li nois
75724 Paris cedex 15 France, [URL: <http://www.elsevier.fr>]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 1286-4579

FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Surface layer proteins from *Clostridium difficile* induce
inflammatory and regulatory cytokines in human monocytes and dendritic
cells

Ausiello, Clara Maria; Cerquetti, Marina; Fedele, Giorgio;
Spensieri, Fabiana; Palazzo, Raffaella; Nasso, Maria; Frezza, Simona;
Mastrantonio, Paola

ABSTRACT:

Clostridium difficile, an etiological agent of most cases of
antibiotic-associated diarrhea, exerts its pathological action mainly...

...mixed Th1/Th2 orientation of immune response in naive CD4 T cells. In
conclusion, *C. difficile* SLPs may contribute to the pathogenicity of
the bacterium by perturbing the fine balance of...

...in the light of the possible use of SLPs in a multicomponent vaccine
against *C. difficile* infections for high-risk patients.

... DESCRIPTORS: Interleukin 12; Interleukin 6; Lymphocytes T; Monocytes;
Pathogenicity; Risk groups; Toxin A; Toxin B; Vaccines;
Clostridium difficile

3/3, K/2 (Item 1 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

(c) 2009 American Chemical Society. All rts. reserv.

137045065 CA: 137(4)45065p JOURNAL

Binding of *Clostridium difficile* to Caco-2 epithelial cell line and to
extracellular matrix proteins

AUTHOR(S): Cerquetti, Marina; Serafino, Annalucia; Sebastianelli,
Annalisa; Mastrantonio, Paola

LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto
Superiore di Sanita, 00161, Rome, Italy

JOURNAL: FEMS Immunol. Med. Microbiol. (FEMS Immunology and Medical
Microbiology) DATE: 2002 VOLUME: 32 NUMBER: 3 PAGES: 211-218 CODEN:
FIM EV ISSN: 0928-8244 PUBLISHER ITEM IDENTIFIER: 0928-8244(01)00301-7

LANGUAGE: English PUBLISHER: Elsevier Science B. V.

3/3, K/3 (Item 2 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

(c) 2009 American Chemical Society. All rts. reserv.

135043236 CA: 135(4)43236e JOURNAL

Molecular and genomic analysis of genes encoding surface-anchored
proteins from *Clostridium difficile*

AUTHOR(S): Karjalainen, Tuomo; Valigorska-Dupriet, Anne-Judith; Cerquetti,
Page 2

lactate dehydrogenase cl ostridi um txt

Marina; Spigaglia, Patrizia; Maggioli, Andrea; Mauri, Pierluigi;
Mastrantonio, Paola

LOCATION: Dep. Microbiol., Fac. Pharm., Université de Paris-Sud, 92296,
Chatenay-Malabry, Fr.

JOURNAL: Infect. Immun. DATE: 2001 VOLUME: 69 NUMBER: 5 PAGES:
3442-3446 CODEN: INFI BR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

3/3, K/4 (Item 3 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

(c) 2009 American Chemical Society. All rts. reserv.

133346858 CA: 133(25)346858j JOURNAL

Characterization of surface layer proteins from different *Clostridium*
difficile clinical isolates

AUTHOR(S): Cerquetti, Marina; Molinari, Agnese; Sebastianelli, Annalisa;
Diociaiuti, Marco; Petruzzelli, Raffaele; Capo, Concetta; Mastrantonio,
Paola

LOCATION: Department of Bacteriology and Medical Mycology, Istituto
Superiore di Sanita, 00161, Rome, Italy

JOURNAL: Microb. Pathog. DATE: 2000 VOLUME: 28 NUMBER: 6 PAGES:
363-372 CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English PUBLISHER:
Academic Press

3/3, K/5 (Item 4 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

(c) 2009 American Chemical Society. All rts. reserv.

126168853 CA: 126(13)168853z JOURNAL

Clostridium difficile: an update on virulence mechanisms

AUTHOR(S): Mastrantonio, Paola; Pantosti, Annalisa; Cerquetti, Marina;
Fiorentini, Carla; Donelli, Gianfranco

LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto
Superiore di Sanita, 00161, Rome, Italy

JOURNAL: Anaerobe DATE: 1996 VOLUME: 2 NUMBER: 6 PAGES: 337-343

CODEN: ANAEF8 ISSN: 1075-9964 LANGUAGE: English PUBLISHER: Academic

3/3, K/6 (Item 5 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

(c) 2009 American Chemical Society. All rts. reserv.

125296686 CA: 125(23)296686p JOURNAL

Clostridium difficile and its surface proteins

AUTHOR(S): Mastrantonio, Paola; Pantosti, Annalisa; Cerquetti, Marina;
Molinari, Agnese; Gelosia, Antonella; Donelli, Gianfranco

LOCATION: Dept. of Bacteriology and Medical Mycology, Istituto Superiore
di Sanita, 00161, Rome, Italy

JOURNAL: Mikrobiol. Ther. DATE: 1995 VOLUME: 23 NUMBER: Beitrage zum
XVIII. Internationalen Symposium fuer Mikrobielle Oekologie und
Krankheiten, 1993 PAGES: 94-101 CODEN: MTHE4 ISSN: 0720-0536

LANGUAGE: English

3/3, K/7 (Item 6 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

(c) 2009 American Chemical Society. All rts. reserv.

118231813 CA: 118(23)231813p JOURNAL

Purification and characterization of an immunodominant 36 kD antigen
present on the cell surface of *Clostridium difficile*

lactate dehydrogenase clostridium txt

AUTHOR(S): Cerquetti, Marina; Pantosti, Annalisa; Stefanelli, Paola;
Mastrantonio, Paola
LOCATION: Lab. Med. Bacteriol. Mycol., Inst. Super. Sanita, Rome, Italy
JOURNAL: Microb. Pathog. DATE: 1992 VOLUME: 13 NUMBER: 4 PAGES: 271-9
CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English

3/3, K/8 (Item 7 from file: 399)
DI ALOG(R) File 399: CA SEARCH(R)
(c) 2009 American Chemical Society. All rights reserved.

108164481 CA: 108(19)164481g JOURNAL
Electrophoretic characterization of Clostridium difficile strains
isolated from antibiotic-associated colitis and other conditions
AUTHOR(S): Pantosti, Annalisa; Cerquetti, Marina; Gianfrilli, Paola
Mastrantonio
LOCATION: Lab. Med. Bacteriol. Mycol., Ist. Super. Sanita, 299-00161,
Rome, Italy
JOURNAL: J. Clin. Microbiol. DATE: 1988 VOLUME: 26 NUMBER: 3 PAGES:
540-3 CODEN: JCM DW ISSN: 0095-1137 LANGUAGE: English

3/3, K/9 (Item 1 from file: 149)
DI ALOG(R) File 149: TGG Health & Wellness DB(SM)
(c) 2009 Gale/Cengage. All rights reserved.

02938821 SUPPLIER NUMBER: 98250052 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Invasive type e Haemophilus influenzae disease in Italy. (Dispatches).
Cerquetti, Marina; degli Atti, Marta Luisa Gofi; Cardines, Rita;
Salmaso, Stefania; Renna, Giovanna; Mastrantonio, Paola
Emerging Infectious Diseases, 9, 2, 258(4)
Feb,
2003
PUBLICATION FORMAT: Magazine/Journal ISSN: 1080-6040 LANGUAGE: English
RECORD TYPE: Fulltext TARGET AUDIENCE: Academic; Professional
WORD COUNT: 2993 LINE COUNT: 00273

Cerquetti, Marina...
... 2000-2001). Her research interests include investigations on
mechanisms of pathogenesis in H. influenzae and Clostridium
difficile.
? DS

Set	Items	Description
S1	116	E1-E8
S2	11	S1 AND ((DIFFICILE) OR (CLOSTRIDIUM(WDIFFICILE))
S3	9	RD (unique items)
? S S3 AND 36(w) Kda		
	9	S3
	2584301	36
	1027726	KDA
	14138	36(W KDA
S4	0	S3 AND 36(W KDA
? s s3 and 36		
	9	S3
	2584301	36
S5	1	S3 AND 36
? t s5/3, k/1		
>>>KW C option is not available in file(s): 399		

5/3, K/1 (Item 1 from file: 399)
DI ALOG(R) File 399: CA SEARCH(R)
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Page 4

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118231813 CA: 118(23)231813p JOURNAL
Purification and characterization of an immunodominant 36 kD antigen
present on the cell surface of *Clostridium difficile*
AUTHOR(S): Cerquetti, Marina; Pantosti, Annalisa; Stefanelli, Paola;
Mastrantonio, Paola
LOCATION: Lab. Med. Bacteriol. Mycol., Inst. Super. Sanita, Rome, Italy
JOURNAL: Microb. Pathog. DATE: 1992 VOLUME: 13 NUMBER: 4 PAGES: 271-9
CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English
? e au=pantosi, annalisa

Ref	Items	Index-term
E1	8	AU=PANTOSHDERI MOVA TD
E2	2	AU=PANTOSHI, A*
E3	1	*AU=PANTOSI, ANNALI SA
E4	1	AU=PANTOSI, DANI ELA
E5	1	AU=PANTOSNE DERI MOVA, T.
E6	283	AU=PANTOSTI A
E7	8	AU=PANTOSTI A L
E8	178	AU=PANTOSTI A.
E9	2	AU=PANTOSTI A. L.
E10	2	AU=PANTOSTI AL
E11	114	AU=PANTOSTI ANNALI SA
E12	66	AU=PANTOSTI D

Enter P or PAGE for more

? s e2-e11

2	AU=PANTOSHI, A*
1	AU=PANTOSI, ANNALI SA
1	AU=PANTOSI, DANI ELA
1	AU=PANTOSNE DERI MOVA, T.
283	AU=PANTOSTI A
8	AU=PANTOSTI A L
178	AU=PANTOSTI A.
2	AU=PANTOSTI A. L.
2	AU=PANTOSTI AL
114	AU=PANTOSTI ANNALI SA

S6 592 E2- E11

? s s6 and difficile

592 S6
86448 DI FFI CI LE

S7 72 S6 AND DI FFI CI LE

? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S8 21 RD (unique items)

? t s8/3, k/1-21

>>>KWC option is not available in file(s): 399

8/3, K/1 (Item 1 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

13823529 BIOSIS NO.: 199799457589
Clostridium difficile: An update on virulence mechanisms
AUTHOR: Mastrantonio Paola (Reprint); Pantosti Annalisa; Cerquetti
Marina; Fiorentini Carla; Donelli Gianfranco
AUTHOR ADDRESS: Lab. Bacteriology and Med. Mycology, Istituto Superiore di
Sanita, Viale Regina Elena 299, 00161 Roma, Italy**Italy

l act at edehydrogenase cl ostr i di um t xt
JOURNAL: Anaerobe 2 (6): p337-343 1996 1996
ISSN: 1075-9964
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Citation
LANGUAGE: English

Cl ostr i di um di ffi ci le: An updat e on virul ence mechani sms
... AUTHOR: Pantosti Annalisa
DESCR I PTORS:
... ORGANI SMS: Cl ostr i di um di ffi ci le (Endospore-forming
Gram Positives)
CHEMICALS & BIOCHEMICALS:

8/3, K/2 (Item 2 from file: 5)
DI ALOG(R) Fi le 5: Biosi s Previ ews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

11829030 BIOSIS NO.: 199395131296
Purification and characterization of an immunodominant 36 kDa antigen
present on the cell surface of Cl ostr i di um di ffi ci le
AUTHOR: Cerquetti Marina; Pantosti Annalisa; Stefanelli Paola;
Mastrantonio Paola (Reprint)
AUTHOR ADDRESS: Laboratorio di Batteriologia e Micologia Medica, Istituto
Superiore di Sanita, Viale Regina Elena 299, 00161 Roma, Italy**Italy
JOURNAL: Microbial Pathogenesis 13 (4): p271-279 1992
ISSN: 0882-4010
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

...and characterization of an immunodominant 36 kDa antigen present on the
cell surface of Cl ostr i di um di ffi ci le
... AUTHOR: Pantosti Annalisa

ABSTRACT: The 36 kDa antigen represents the major EDTA-extracted protein of
Cl ostr i di um di ffi ci le strains belonging to electrophoretic group 2.
Antibodies to this antigen are found in sera of patients with C.
difficile-associated diarrhoea. The 36 kDa antigen was extracted
from C. difficile Q253 by EDTA and purified by gel filtration
(Sephacryl S300) and ion exchange chromatography (DEAE...

...Immunofluorescence demonstrated that the 36 kDa antigen was located on
the surface of the C. difficile cell. Monospecific antiserum raised
in rabbits reacted positively with the 36 kDa protein of most group 2 C.
difficile strains isolated from antibiotic-associated diarrhoea
(AAD) outbreaks in Italy and other European countries.

DESCR I PTORS:
... ORGANI SMS: Cl ostr i di um di ffi ci le (Endospore-forming
Gram Positives...
CHEMICALS & BIOCHEMICALS:

8/3, K/3 (Item 3 from file: 5)
DI ALOG(R) Fi le 5: Biosi s Previ ews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

10096870 BIOSIS NO.: 199089014761
IMMUNOBLOT ANALYSIS OF SERUM IMMUNOGLOBULIN G RESPONSE TO SURFACE PROTEINS
OF CLOSTRIDIUM DIFFICILE IN PATIENTS WITH ANTIBIOTIC-ASSOCIATED
DIARRHEA
AUTHOR: PANTOSTI A (Reprint); CERQUETTI M; VITTI F; ORTISI G;

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MASTRANTONI O P

AUTHOR ADDRESS: BACTERIOLOGICAL AND MEDICAL LAB, 1ST SUPERIOR DI SANITA, 00161
ROME, ITALY**ITALY

JOURNAL: Journal of Clinical Microbiology 27 (11): p2594-2597 1989

ISSN: 0095-1137

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

IMMUNOBLOT ANALYSIS OF SERUM IMMUNOGLOBULIN G RESPONSE TO SURFACE PROTEINS
OF CLOSTRIDIUM DIFFICILE IN PATIENTS WITH ANTIBIOTIC-ASSOCIATED
DIARRHEA

AUTHOR: PANTOSTI A...

...ABSTRACT: immunoblot analysis the serum immunoglobulin G antibody
response to EDTA-extracted surface proteins of Clostridium
difficile in 16 patients with antibiotic-associated diarrhea. For
each patient, paired serum samples were tested...

...to belong to the electrophoretic group 2 pattern. Eight patients, all
harboring group 2 C. difficile strains, exhibited responses to the
proteins of the infecting strain; six patients showed increases in...

...C. difficile proteins other than toxins can elicit an immune response in
patients with C. difficile-associated disease; in this group of
patients, the major surface protein of the group 2...

8/3, K/4 (Item 4 from file: 5)

DI ALOG(R) File 5: Bi o s i s P r e v i e w s (R)

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09256978 BI O S I S N O. : 198886096899

EVI DENCE FOR CROSS- I N FECTI O N I N AN OUTBREAK OF CLOSTRIDIUM DIFFICILE
ASSOCIATED DIARRHEA IN A SURGICAL UNIT

AUTHOR: TESTORE G P (Reprint); PANTOSTI A; CERQUETTI M; BABUDIERI S;
PANI CHI G; MASTRANTONI O G I ANFRILLI P

AUTHOR ADDRESS: III CLINICA MEDICA, UNIVERSITA DEGLI STUDI DI ROMA, "LA
SAPIENZA", VIALE UNIVERSITA 37, ROMA**ITALY

JOURNAL: Journal of Medical Microbiology 26 (2): p125-128 1988

ISSN: 0022-2615

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: ENGLISH

EVI DENCE FOR CROSS- I N FECTI O N I N AN OUTBREAK OF CLOSTRIDIUM DIFFICILE
ASSOCIATED DIARRHEA IN A SURGICAL UNIT

...AUTHOR: PANTOSTI A

ABSTRACT: Environmental studies were performed in a hospital outbreak of
Clostridium difficile-associated diarrhoea. Transmission was
associated with the sluice room and the storage room where medical
equipment was found to be contaminated with C. difficile. Typing of
isolates by antibiotic-susceptibility patterns and profiles of
EDTA-extracted proteins showed the...

8/3, K/5 (Item 5 from file: 5)

DI ALOG(R) File 5: Bi o s i s P r e v i e w s (R)

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09122516 BI O S I S N O. : 198885091407

ELECTROPHORETIC CHARACTERIZATION OF CLOSTRIDIUM DIFFICILE STRAINS

lactate dehydrogenase clostridium txt

ISOLATED FROM ANTIBIOTIC-ASSOCIATED COLITIS AND OTHER CONDITIONS
AUTHOR: PANTOSTI A (Reprint); CERQUETTI M; GIANFRILLI P M
AUTHOR ADDRESS: LAB MED BACTERIOLOGY AND MYCOLOGY, ISTITUTO SUPERIORE DI
SANITA', VIALE REGINA ELENA, 299-00161 ROME, ITALY**ITALY
JOURNAL: Journal of Clinical Microbiology 26 (3): p540-543 1988
ISSN: 0095-1137
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

ELECTROPHORETIC CHARACTERIZATION OF CLOSTRIDIUM DIFFICILE STRAINS
ISOLATED FROM ANTIBIOTIC-ASSOCIATED COLITIS AND OTHER CONDITIONS
AUTHOR: PANTOSTI A...

ABSTRACT: Clostridium difficile has been recognized as the cause of
antibiotic-associated pseudomembranous colitis and of less severe...

...and small children. Various typing systems have been used to clarify the
epidemiology of C. difficile. We used the electrophoretic patterns
of EDTA-extracted proteins to characterize C. difficile strains
from various sources. Altogether, 110 strains were studied, including 2
reference strains, and 21...

...characterization can be used to aid studies on the virulence and
clinical significance of C. difficile.

8/3, K/6 (Item 6 from file: 5)
DI ALOG(R) File 5: Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rights reserved.

08096439 BIOSIS NO.: 198681060330
COMPARISON OF THE IN-VITRO ACTIVITIES OF TEICOPLANIN AND VANCOMYCIN AGAINST
CLOSTRIDIUM DIFFICILE AND THEIR INTERACTIONS WITH CHOLESTYRAMINE
AUTHOR: PANTOSTI A (Reprint); LUZZI I; CARDINES R; GIANFRILLI P
AUTHOR ADDRESS: LAB DI BATTERIOLOGIA E MICOL MED, IST SUPERIORE DI SANITA 00161
ROME, ITALY**ITALY
JOURNAL: Antimicrobial Agents and Chemotherapy 28 (6): p847-848 1985
ISSN: 0066-4804
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

COMPARISON OF THE IN-VITRO ACTIVITIES OF TEICOPLANIN AND VANCOMYCIN AGAINST
CLOSTRIDIUM DIFFICILE AND THEIR INTERACTIONS WITH CHOLESTYRAMINE
AUTHOR: PANTOSTI A...

...ABSTRACT: vitro activity of teicoplanin was compared with that of
vancomycin against fecal isolates of Clostridium difficile. All
strains were susceptible to both antibiotics, but teicoplanin was
fourfold more active than vancomycin...

8/3, K/7 (Item 7 from file: 5)
DI ALOG(R) File 5: Biosis Previews(R)
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08080514 BIOSIS NO.: 198681044405
CLOSTRIDIUM DIFFICILE COLITIS IN LEUKEMIA PATIENTS
AUTHOR: PANICHI G (Reprint); PANTOSTI A; GENTILE G; TESTORE G P;
VENDITTI M; MARTINO P; SERRA P
AUTHOR ADDRESS: ISTITUTO CLINICA MEDICALE III, POLICLINICO UMBERTO I 00185
ROME, ITALY**ITALY

l act at edehydrogenasecl ostridi um txt

JOURNAL: European Journal of Cancer and Clinical Oncology 21 (10): p
1159-1164 1985
ISSN: 0277-5379
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

CLOSTRIDIUM DIFFICILE COLITIS IN LEUKEMIA PATIENTS
... AUTHOR: PANTOSTI A

... ABSTRACT: patients with diarrhea or other abdominal symptoms have been investigated for the presence of Clostridium difficile and its cytotoxin in stools. Of the patients studied 19% had C. difficile, in most cases together with cytotoxin. All patients but one had received antibiotics, while one...
... Owing to the most infrequent fatal evolution, it is recommended that routine search for C. difficile in leukemia patients with abdominal symptoms be performed and appropriate therapy started immediately.

8/3, K/8 (Item 8 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rights reserved.

08028186 BIOSIS NO.: 198631109085
THE ROLE OF CLOSTRIDIUM DIFFICILE IN INTESTINAL DISTURBANCES OF
LEUKEMIA PATIENTS
AUTHOR: GENTILE G (Reprint); PANTOSTI A; GIANFRILLI P; LUZZI I;
MARTINO P; VENDITTI M; SANTINI C; CABRINI D; PANICHI G
AUTHOR ADDRESS: III CLINICA MED UNIV DEGLI STUDI LA SAPIENZA- ROMA
JOURNAL: Giornale di Malattie Infettive e Parassitarie 37 (11): p1059-1064
1985
ISSN: 0017-0321
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: ITALIAN

THE ROLE OF CLOSTRIDIUM DIFFICILE IN INTESTINAL DISTURBANCES OF
LEUKEMIA PATIENTS
... AUTHOR: PANTOSTI A

8/3, K/9 (Item 9 from file: 5)
DIALOG(R) File 5: Biosis Previews(R)
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07778350 BIOSIS NO.: 198580087245
EVALUATION OF GAS-LIQUID CHROMATOGRAPHY FOR THE RAPID DIAGNOSIS
CLOSTRIDIUM DIFFICILE ASSOCIATED DISEASE
AUTHOR: GIANFRILLI P (Reprint); PANTOSTI A; LUZZI I
AUTHOR ADDRESS: DEP MED BACTERIOLOGY, 1ST SUPERIORE DI SANITA, ROME
00161, ITALY**ITALY
JOURNAL: Journal of Clinical Pathology (London) 38 (6): p690-693 1985
ISSN: 0021-9746
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

EVALUATION OF GAS-LIQUID CHROMATOGRAPHY FOR THE RAPID DIAGNOSIS
CLOSTRIDIUM DIFFICILE ASSOCIATED DISEASE
... AUTHOR: PANTOSTI A

... ABSTRACT: specimens with isocaproic acid as a marker was used for the
Page 9

lactate dehydrogenase clostridium txt
rapid diagnosis of C. difficile associated diarrheal diseases.
Ninety stools were examined and results were compared with conventional
culture on...

8/3, K/10 (Item 10 from file: 5)
DI ALOG(R) File 5: Biosi s Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

07751521 BIOSIS NO.: 198580060416
IN-VITRO ACTIVITY OF 3 ANTI-NEOPLASTIC DRUGS AGAINST AEROBIC AND ANAEROBIC
INTESTINAL BACTERIA
AUTHOR: VETERE A (Reprint); GIULIANO M; PANTOSTI A; PANICHI G
AUTHOR ADDRESS: I ST CLIN MED III, UNIV STUDI ROMA LA SAPIENZA, VIALE
DELL' UNIVERSITA 37, 00185 ROME, ITALY**ITALY
JOURNAL: Bollettino dell'Istituto Sieroterapico Milanese 63 (6): p505-509
1984
ISSN: 0021-2547
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ITALIAN

...AUTHOR: PANTOSTI A

...ABSTRACT: used antineoplastic drugs (daunorubicin, cytosine arabinoside,
methotrexate) against aerobic and anaerobic intestinal bacteria and
Clostridium difficile, the etiological agent of pseudomembranous
colitis, was evaluated. Daunorubicin proved to be the most active...

DESCRIPTORS: HUMAN CLOSTRIDIUM DIFFICILE BACTERIDES ENTEROCOCCI
DAUNORUBICIN CYTOSINE ARABINOSIDE METHOTREXATE COLONIZATIONS RESISTANCE
FLORA ALTERATION

8/3, K/11 (Item 11 from file: 5)
DI ALOG(R) File 5: Biosi s Previews(R)
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07445142 BIOSIS NO.: 198528084045
CYTOTOXIN AND ENTEROTOXIN PRODUCTION BY CLOSTRIDIUM DIFFICILE
AUTHOR: GIANFRILLI P (Reprint); LUZZI I; PANTOSTI A; COCHIONERO M;
GENTILE G; PANICHI G
AUTHOR ADDRESS: I ST SUPERIORE SANITA, LAB BATTERIOLOGIA MICROBIOLOGIA MED, VIALE
REGINA ELENA, 299, 00100 ROME, ITALY**ITALY
JOURNAL: Microbiologica (Pavia) 7 (4): p375-380 1984
ISSN: 1121-7138
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: ENGLISH

CYTOTOXIN AND ENTEROTOXIN PRODUCTION BY CLOSTRIDIUM DIFFICILE
...AUTHOR: PANTOSTI A

8/3, K/12 (Item 12 from file: 5)
DI ALOG(R) File 5: Biosi s Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

07390109 BIOSIS NO.: 198528029012
PSEUDOMEMBRANOUS ENTERITIS ASSOCIATED WITH CLOSTRIDIUM DIFFICILE
AUTHOR: TESTORE G P (Reprint); PANTOSTI A; PANICHI G; GIANFRILLI P;
LUZZI I; NARDI F; CONTINI M; ANGELICI A; PULCINI N
AUTHOR ADDRESS: LAB BATTERIOLOGIA MICROBIOLOGIA MED, I ST SUPERIORE DI SANITA, VIALE

l act at edehydrogenase cl ostr i di um txt

REGINA ELENA 299, 00161 ROMA, ITALY**ITALY
JOURNAL: Italian Journal of Gastroenterology 16 (3): p229-230 1984
ISSN: 0392-0623
DOCUMENT TYPE: Article
RECORD TYPE: Citation
LANGUAGE: ENGLISH

PSEUDOMEMBRANOUS ENTERITIS ASSOCIATED WITH CLOSTRIDIUM DIFFICILE
... AUTHOR: PANTOSTI A

8/3, K/13 (Item 1 from file: 34)
DIALOG(R) File 34: Sci Search(R) Cited Ref Sci
(c) 2009 The Thomson Corp. All rts. reserv.

06133930 Genuine Article#: XX182 No. References: 31
Title: Detection of enterotoxigenic Bacteroides fragilis by PCR
Author(s): Pantosti A (REPRINT); Melpeli M; Wilks M; Menozzi MG;
D'Ambrosio F
Corporate Source: IST SUPER SANITA, LAB BACTERIOL & MED MYCOL, VIALE REGINA
ELENA 299/1-00161 ROME//ITALY/ (REPRINT); UNIV PARMA, INST
MICROBIOL/1-43100 PARMA//ITALY/; UNIV LONDON ST BARTHOLOMEWS HOSP MED
COLL, DEPT MED MICROBIOL/ LONDON EC1A 7BE// ENGLAND/
Journal: JOURNAL OF CLINICAL MICROBIOLOGY, 1997, V35, N10 (OCT), P2482-2486
ISSN: 0095-1137 Publication date: 19971000
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW
WASHINGTON, DC 20005-4171
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Author(s): Pantosti A (REPRINT); Melpeli M; Wilks M; Menozzi MG;
D'Ambrosio F
... Identifiers-- TOXIGENIC CLOSTRIDIUM DIFFICILE; POLYMERASE
CHAIN-REACTION; ESCHERICHIA-COLI; FECAL SAMPLES; DIARRHEAL DISEASE;
EPITHELIAL-CELLS; ASSAY; METALLOPROTEASE; ASSOCIATION; INFECTION

8/3, K/14 (Item 1 from file: 73)
DIALOG(R) File 73: EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0074071929 EMBASE No: 1989252432
Hospital outbreaks of Clostridium difficile associated diarrhoea:
Demonstration of cross-infection by typing methods
Cerquetti M; Pantosti A; Gentile G; D'Ambrosio F.; Mastrantonio
P.
Laboratorio di Batteriologia e Micrologia Medica, Roma, Italy:
CORRESP. AUTHOR/ AFFIL: Laboratorio di Batteriologia e Micrologia Medica,
Roma, Italy

Annali dell'Istituto Superiore di Sanita (ANN. IST. SUPER. SANITA) (Italy)
November 8, 1989, 25/2 (327-332)
CODEN: AISSA ISSN: 0021-2571
DOCUMENT TYPE: Journal RECORD TYPE: Citation
LANGUAGE: Italian SUMMARY LANGUAGE: English

Hospital outbreaks of Clostridium difficile associated diarrhoea:
Demonstration of cross-infection by typing methods
... Pantosti A
MEDICAL DESCRIPTORS:
*clostridium difficile; *diarrhea; *hospital infection-- drug therapy
-- dt; *hospital infection-- epidemiology-- ep
ORIG DESCRIPTORS:

8/3, K/15 (Item 2 from file: 73)
DI ALOG(R) File 73: EMBASE
(c) 2009 Elsevier B.V. All rights reserved.

0073684546 EMBASE No: 1988145439

Pathogenesis of postantibiotic diarrhoea caused by *Clostridium difficile*: An in vitro study in the rabbit intestine
Guandalini S.; Fasano A.; Mgliavacca M.; Verga M.C.; Mastrantonio G.; Anfrilli P.; Ferrara A.; Alessio M.; Malamisura B.; Galati P.; Pantosti A.; Rubino A.

Department of Pediatrics, 2nd School of Medicine, University of Naples, 80131 Naples, Italy:

CORRESP. AUTHOR/ AFFIL: Department of Pediatrics, 2nd School of Medicine, University of Naples, 80131 Naples, Italy

Gut (GUT) (United Kingdom) July 6, 1988, 29/5 (598-602)

CODEN: GUTTA ISSN: 0017-5749

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English

Pathogenesis of postantibiotic diarrhoea caused by *Clostridium difficile*: An in vitro study in the rabbit intestine
... Pantosti A

To elucidate the pathophysiological changes leading to postantibiotic diarrhoea caused by *Clostridium difficile* and its cytotoxin, oral ampicillin was given to rabbits, and jejunal, ileal, and caecal segments...

...developed diarrhoea were investigated in vitro. The rabbits that, in response to treatment, harboured *Clostridium difficile* in their colonic lumen were studied, and the results expressed according to the presence or absence of *Clostridium difficile* and/or its cytotoxin. Thus, we refer to either CD+ or CD- segments. The influx...

...in Cl net transport that were more marked in CD-. We conclude that: (1) *Clostridium difficile* may also colonise the upper intestinal tract, where it induces morphological and functional damage, severely...

MEDICAL DESCRIPTORS:

**clostridium difficile*; *diarrhea--etiology--et; *ileum; *intestine absorption; *intestine secretion; *jejunum; *small intestine

ORIGINAL DESCRIPTORS:

8/3, K/16 (Item 3 from file: 73)
DI ALOG(R) File 73: EMBASE
(c) 2009 Elsevier B.V. All rights reserved.

0072906282 EMBASE No: 1985111698

Activity of some cytostatic drugs on aerobic and anaerobic intestinal bacteria in vitro

ATTIVITA' IN VITRO DI ALCUNI FARMACI CITOSTATICI SU BATTERI INTESTINALI AEROBI ED ANAEROBI

Vetere A.; Giuliano M.; Pantosti A.; Panichi G.

Istituto di Clinica Medica III, Università degli Studi di Roma La Sapienza, 00815 Roma, Italy:

CORRESP. AUTHOR/ AFFIL: Istituto di Clinica Medica III, Università degli Studi di Roma La Sapienza, 00815 Roma, Italy

Bollettino dell'Istituto Sieroterapico Milanese (BOLL. IST. SIROTER. MILAN.) (Italy) December 1, 1984, 63/6 (505-509)

CODEN: BISMA ISSN: 0021-2547

lactatedehydrogenaseclostridium.txt
DOCUMENT TYPE: Journal RECORD TYPE: Citation
LANGUAGE: Italian SUMMARY LANGUAGE: English

... Pantosti A
MEDICAL DESCRIPTORS:
*bacterial flora; *clostridium difficile; *drug efficacy; *intestine
flora
ORIGINAL DESCRIPTORS:

8/3, K/17 (Item 4 from file: 73)
DI ALOG(R) File 73: EMBASE
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0072704709 EMBASE No: 1984085125
In vitro susceptibility of Clostridium difficile isolates to 12
antimicrobial agents
Gianfrilli P.; Luzzi I.; Pantosti A.; Occhionero M
Lab. Bacteriologia e Microbiologia Medica, Istituto Superiore di Sanita, Roma
00162, Italy:
CORRESP. AUTHOR/AFFIL: Lab. Bacteriologia e Microbiologia Medica, Istituto
Superiore di Sanita, Roma 00162, Italy

Chimioterapia (CHEMOTERAPIA) (Italy) May 10, 1984, 3/1 (41-44)
CODEN: CHEME ISSN: 0392-906X
DOCUMENT TYPE: Journal; Article RECORD TYPE: Citation
LANGUAGE: English

In vitro susceptibility of Clostridium difficile isolates to 12
antimicrobial agents
... Pantosti A
MEDICAL DESCRIPTORS:
*clostridium difficile; *drug sensitivity; *minimum inhibitory
concentration
ORIGINAL DESCRIPTORS:

8/3, K/18 (Item 1 from file: 144)
DI ALOG(R) File 144: PASCAL
(c) 2009 INIST/CNRS. All rights reserved.

08572502 PASCAL No.: 89-0121545
Pathogenesis of postantibiotic diarrhoea caused by Clostridium
difficile: an in vitro study in the rabbit intestine
GUANDALINI S; FASANO A; MIGLIAVACCA M; VERGA M C; MASTRANTONIO GIANFRILLI
P; FERRARA A; ALESSIO M; MALAMURA B; GALATI P; PANTOSTI A; RUBINO A
Univ. Naples, 2nd school medicine, Italy
Journal: Gut, 1988, 29 (5) 598-602
Language: English

Pathogenesis of postantibiotic diarrhoea caused by Clostridium
difficile: an in vitro study in the rabbit intestine
... M; VERGA M C; MASTRANTONIO GIANFRILLI P; FERRARA A; ALESSIO M;
MALAMURA B; GALATI P; PANTOSTI A; RUBINO A

English Descriptors: Antibiotic; Diarrhea; Clostridium difficile; Gut
; In vitro; Rabbit; Animal; Toxicity; Digestive diseases

French Descriptors: Antibiotique; Diarrhee; Clostridium difficile;
Ampicilline; Intestin; In vitro; Lapin; Animal; Toxicite; Appareil
digestif pathologie

Spanish Descriptors: Antibiotico; Diarrea; Clostridium difficile;
Intestino; In vitro; Conejo; Animal; Toxicidad; Aparato digestivo

pat ol ogi a

8/3, K/19 (Item 1 from file: 155)
 DIALOG(R) File 155: MEDLINE(R)
 (c) format only 2009 Dialog. All rts. reserv.

09340332 PM D: 2589733
 [Hospital epidemic of Clostridium difficile diarrhea: demonstration of cross-infection using a typing technique]
 Epidemie ospedaliere di diarrea da Clostridium difficile : dimostrazione di infezione crociata mediante tecniche di tipizzazione.
 Cerquetti M; Pantosti A; Gentile G; D'Ambrosio F; Mastrantonio P
 Annali dell'Istituto superiore di sanita (ITALY) 1989, 25 (2)
 p327-32, ISSN 0021-2571--Print Journal Code: 7502520
 Publishing Model Print
 Document type: English Abstract; Journal Article
 Languages: ITALIAN
 Main Citation Owner: NLM
 Record type: MEDLINE; Completed

[Hospital epidemic of Clostridium difficile diarrhea: demonstration of cross-infection using a typing technique]
 Epidemie ospedaliere di diarrea da Clostridium difficile : dimostrazione di infezione crociata mediante tecniche di tipizzazione.
 Cerquetti M; Pantosti A; Gentile G; D'Ambrosio F; Mastrantonio P
 Two hospital outbreaks of Clostridium difficile diarrhoea in two general surgery units of different hospitals are described. Moreover, the results of a study on the circulation of C. difficile in a neurosurgery unit following two cases of colitis are reported. C. difficile strains isolated from patients and environment have been typed using antimicrobial susceptibility testing and electrophoretic...
 ... of antibiotic susceptibility. This provides strong evidence of cross-infection and hospital acquisition of C. difficile.

8/3, K/20 (Item 2 from file: 155)
 DIALOG(R) File 155: MEDLINE(R)
 (c) format only 2009 Dialog. All rts. reserv.

08317555 PM D: 3827004
 [Clostridium difficile colitis in patients with blood diseases]
 La colite da Clostridium difficile in pazienti emopatici.
 Gentile G; Pantosti A; Venditti M; Martino P; Panichi G
 Annali dell'Istituto superiore di sanita (ITALY) 1986, 22 (3)
 p979-83, ISSN 0021-2571--Print Journal Code: 7502520
 Publishing Model Print
 Document type: English Abstract; Journal Article
 Languages: ITALIAN
 Main Citation Owner: NLM
 Record type: MEDLINE; Completed

[Clostridium difficile colitis in patients with blood diseases]
 La colite da Clostridium difficile in pazienti emopatici.
 Gentile G; Pantosti A; Venditti M; Martino P; Panichi G

8/3, K/21 (Item 3 from file: 155)
 DIALOG(R) File 155: MEDLINE(R)
 (c) format only 2009 Dialog. All rts. reserv.

07683918 PM D: 6534396

lactate dehydrogenase clostridium txt

[In vitro activity of several cytostatic drugs against aerobic and anaerobic intestinal bacteria]

Attività in vitro di alcuni farmaci citostatici su batteri intestinali aerobi ed anaerobi.

Vetere A; Giuliano M; Pantosti A; Panichi G

Bollettino dell'Istituto sieroterapico milanese (ITALY) 1984, 63 (6)

p505-9, ISSN 0021-2547--Print Journal Code: 17720040R

Publishing Model Print

Document type: English Abstract; Journal Article

Languages: ITALIAN

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Vetere A; Giuliano M; Pantosti A; Panichi G

... used antineoplastic drugs (Daunorubicin, Cytosine arabinoside, Methotrexate) against aerobic and anaerobic intestinal bacteria and Clostridium difficile that is the aetiological agent of pseudomembranous colitis. Daunorubicin proved to be the most active...

...ranging from 16 to 128 micrograms/ml, 50% of Bacteroides strains and 90% of Clostridium difficile and Enterococci strains tested. Methotrexate showed activity only against some Bacteroides strains, while Cytosine arabinoside...

? ds

Set	Items	Description
S1	116	E1- E8
S2	11	S1 AND ((DI FFICILE) OR (CLOSTRIDIUM(W DI FFICILE))
S3	9	RD (unique items)
S4	0	S3 AND 36(W KDA
S5	1	S3 AND 36
S6	592	E2- E11
S7	72	S6 AND DI FFICILE
S8	21	RD (unique items)
? s s8 and 36		

21 S8

2584301 36

S9 1 S8 AND 36

? t s9/3, k/1

>>>KW C option is not available in file(s): 399

9/3, K/1 (Item 1 from file: 5)

DI ALOG(R) File 5: Biosi s Previews(R)

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11829030 BIOSI S NO.: 199395131296

Purification and characterization of an immunodominant 36 kDa antigen present on the cell surface of Clostridium difficile

AUTHOR: Cerquetti Marina; Pantosti Annalisa; Stefanelli Paola;

Mastrantonio Paola (Reprint)

AUTHOR ADDRESS: Laboratorio di Batteriologia e Micologia Medica, Istituto Superiore di Sanita, Viale Regina Elena 299, 00161 Roma, Italy**Italy

JOURNAL: Microbial Pathogenesis 13 (4): p271-279 1992

ISSN: 0882-4010

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

Purification and characterization of an immunodominant 36 kDa antigen present on the cell surface of Clostridium difficile

...AUTHOR: Pantosti Annalisa

ABSTRACT: The 36 kDa antigen represents the major EDTA-extracted

lactate dehydrogenase of *Clostridium* txt
 protein of *Clostridium difficile* strains belonging to
 electrophoretic group 2. Antibodies to this antigen are found in sera of
 patients with *C. difficile*-associated diarrhoea. The 36 kDa
 antigen was extracted from *C. difficile* C253 by EDTA and purified
 by gel filtration (Sephacryl S300) and ion exchange chromatography
 (DEAE-Trisacryl M). The molecular weight of the purified protein was
 36 kDa as determined by SDS-PAGE, also in non-reducing conditions.
 By gel filtration, the...

... of pl 4.6, the protein could be a homodimeric molecule.
 Immunofluorescence demonstrated that the 36 kDa antigen was located
 on the surface of the *C. difficile* cell. Monospecific antiserum
 raised in rabbits reacted positively with the 36 kDa protein of
 most group 2 *C. difficile* strains isolated from
 antibiotic-associated diarrhoea (AAD) outbreaks in Italy and other
 European countries.

DESCRIPTORS:

... ORGANISMS: *Clostridium difficile* (Endospore-forming
 Gram Positives...

CHEMICALS & BIOCHEMICALS:

? stefanelli, p?

Ref	Items	Index-term
E1	92	AU=STEFANELLI, P.
E2	2	AU=STEFANELLI, P. F.
E3	0	*AU=STEFANELLI, P?
E4	50	AU=STEFANELLI, PAOLA
E5	17	AU=STEFANELLI, PATRIZIA
E6	2	AU=STEFANELLI, PIETRO
E7	1	AU=STEFANELLI, PIETRO A.
E8	2	AU=STEFANELLI, R.
E9	95	AU=STEFANELLI, R.
E10	30	AU=STEFANELLI, RENATO
E11	7	AU=STEFANELLI, RICCARDO
E12	2	AU=STEFANELLI, ROBERTO

Enter P or PAGE for more

? s e4
 S10 50 AU='STEFANELLI, PAOLA'
 ? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S11 32 RD (unique items)

? t s11 and difficile

>>>'AND' not allowed in command

? s s11 and difficile

32 S11

86448 DIFFICILE

S12 1 S11 AND DIFFICILE

? t s12/3, k/1

>>>KW C option is not available in file(s): 399

12/3, K/1 (Item 1 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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118231813 CA: 118(23)231813p JOURNAL
 Purification and characterization of an immunodominant 36 kD antigen
 Page 16

lactate dehydrogenase of *Clostridium difficile*
 present on the cell surface of *Clostridium difficile*
 AUTHOR(S): Cerquetti, Marina; Pantosti, Annalisa; Stefanelli, Paola;
 Mastrantonio, Paola
 LOCATION: Lab. Med. Bacteriol. Mycol., Inst. Super. Sanita, Rome, Italy
 JOURNAL: Microb. Pathog. DATE: 1992 VOLUME: 13 NUMBER: 4 PAGES: 271-9
 CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English
 ? e au=mastrantonio, p?

Ref	Items	Index-term
E1	2	AU=MASTRANTONI O, P. GIANFRILLI
E2	22	AU=MASTRANTONI O, P*
E3	0	*AU=MASTRANTONI O, P?
E4	111	AU=MASTRANTONI O, PAOLA
E5	11	AU=MASTRANTONI O, PASQUALE
E6	4	AU=MASTRANTONI O, S
E7	2	AU=MASTRANTONI O, S.
E8	3	AU=MASTRANTONI O, S. D. S.
E9	1	AU=MASTRANTONI O, S. DI S.
E10	1	AU=MASTRANTONI O, S. D. S.
E11	1	AU=MASTRANTONI O, SABRI NA DI SALVO
E12	7	AU=MASTRANTONI O, STEFANI A

Enter P or PAGE for more

? s e4
 S13 111 AU='MASTRANTONI O, PAOLA'
 ? s e4 and e13
 111 AU=MASTRANTONI O, PAOLA
 3 AU=MASTRANTONI S N
 S14 0 AU='MASTRANTONI O, PAOLA' AND AU='MASTRANTONI S N'
 ? e au=mastrantonio, p?

Ref	Items	Index-term
E1	2	AU=MASTRANTONI O, P. GIANFRILLI
E2	22	AU=MASTRANTONI O, P*
E3	0	*AU=MASTRANTONI O, P?
E4	111	AU=MASTRANTONI O, PAOLA
E5	11	AU=MASTRANTONI O, PASQUALE
E6	4	AU=MASTRANTONI O, S
E7	2	AU=MASTRANTONI O, S.
E8	3	AU=MASTRANTONI O, S. D. S.
E9	1	AU=MASTRANTONI O, S. DI S.
E10	1	AU=MASTRANTONI O, S. D. S.
E11	1	AU=MASTRANTONI O, SABRI NA DI SALVO
E12	7	AU=MASTRANTONI O, STEFANI A

Enter P or PAGE for more

? s e4 and e12
 111 AU=MASTRANTONI O, PAOLA
 7 AU=MASTRANTONI O, STEFANI A
 S15 0 AU='MASTRANTONI O, PAOLA' AND AU='MASTRANTONI O, STEFANI A'
 ? s e4
 S16 111 AU='MASTRANTONI O, PAOLA'
 ? s s16 and difficile
 111 S16
 86448 DIFFICILE
 S17 42 S16 AND DIFFICILE
 ? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

lactatedehydrogenaseclostridium.txt
S18 28 RD (unique items)
? t s18/3, k/1-28
>>>KW C option is not available in file(s): 399

18/3, K/1 (Item 1 from file: 24)
DI ALOG(R) File 24: CSA Life Sciences Abstracts
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0003537126 IP ACCESSION NO: 8641789
Emergence of reduced susceptibility to metronidazole in *Clostridium*
difficile

Baines, Simon D; O'Connor, Rachael; Freeman, Jane; Fawley, Warren N;
Harmanus, Celine; Mastrantonio, Paola; Kuijper, Ed J; Wilcox, Mark
H
1 Department of Microbiology, Institute of Molecular and Cellular Biology,
University of Leeds, Leeds LS2 9JT, UK,
[mailto:mark.wilcox@leedsth.nhs.uk]

Journal of Antimicrobial Chemotherapy, v 62, n 5, p 1046-1052, November
2008
PUBLICATION DATE: 2008

PUBLISHER: Oxford University Press, Oxford Journals, Great Clarendon Street

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0305-7453
ELECTRONIC ISSN: 1460-2091
FILE SEGMENT: Industrial & Applied Microbiology Abstracts (Microbiology A);
Bacteriology Abstracts (Microbiology B); Nucleic Acids Abstracts

Emergence of reduced susceptibility to metronidazole in *Clostridium*
difficile

Baines, Simon D; O'Connor, Rachael; Freeman, Jane; Fawley, Warren N;
Harmanus, Celine; Mastrantonio, Paola; Kuijper, Ed J; Wilcox, Mark
H

ABSTRACT:

Objectives Antimicrobial treatment for *Clostridium difficile* infection (CDI) has typically been metronidazole, although reports have questioned the efficacy of this option. We screened recently isolated *C. difficile* (2005-06) for susceptibility to metronidazole and compared results for historic isolates (1995-2001). Methods *C. difficile* ribotypes 001 (n = 86), 106 (n = 81) and 027 (n = 48) and isolates from the ... prevalent ribotypes in Leeds (n = 57) were screened using spiral gradient endpoint analysis (SGE). *C. difficile* with metronidazole SGE MICs greater than or equal to 6 mg/L were analysed further...

... Et est. Multiple-locus variable-number tandem-repeat analysis (MLVA) typing was performed for 28 *C. difficile* isolates. Results No reduced metronidazole susceptibility was observed in *C. difficile* ribotypes 106 and 027 (geometric mean SGE MICs 1.11 and 0.90 mg/L, respectively). In contrast, 21 (24.4%) *C. difficile* ribotype 001 demonstrated reduced susceptibility to metronidazole (geometric mean SGE MICs 3.51 mg/L...

... were confirmed by an agar incorporation method. Geometric mean agar incorporation MICs for historic *C. difficile* ribotype 001 (n = 72)

lactate dehydrogenase clostridium txt
were 1.03 (range 0.25-2) mg/L compared with...

...for recent isolates displaying reduced metronidazole susceptibility.
MLVA typing revealed two clonal complexes of *C. difficile* with
reduced susceptibility to metronidazole. Conclusions We have demonstrated
the emergence of reduced susceptibility to metronidazole in 24.4% of the
recent *C. difficile* ribotype 001 isolates from our institution. Our
observations could have implications in the clinical setting...

DESCRIPTORS: Agar; Colon; Infection; Metronidazole; Minimum inhibitory
concentration; Typing; *Clostridium difficile*

18/3, K/2 (Item 2 from file: 24)
DI ALOG(R) File 24: CSA Life Sciences Abstracts
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0003364984 IP ACCESSION NO: 8514072
Surface layer proteins from *Clostridium difficile* induce inflammatory
and regulatory cytokines in human monocytes and dendritic cells

Ausiello, Clara Maria; Cerquetti, Marina; Fedele, Giorgio; Spensieri,
Fabiana; Palazzo, Raffaella; Nasso, Maria; Frezza, Simona;
Mastrantonio, Paola
Department of Infectious, Parasitic and Immune-mediated Diseases,
Anti-Infectious Immunity Unit, Istituto Superiore di Sanita, Viale Regina
Elena 29, 00161 Rome, Italy, [mailto:ausiello@ss.it]

Microbes and Infection, v 8, n 11, p 2640-2646, September 2006
PUBLICATION DATE: 2006

PUBLISHER: Editions Scientifiques et Medicales Elsevier, 23 rue Li noi s
75724 Paris cedex 15 France, [URL: <http://www.elsevier.fr>]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 1286-4579
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Surface layer proteins from *Clostridium difficile* induce inflammatory
and regulatory cytokines in human monocytes and dendritic cells

Ausiello, Clara Maria; Cerquetti, Marina; Fedele, Giorgio; Spensieri,
Fabiana; Palazzo, Raffaella; Nasso, Maria; Frezza, Simona;
Mastrantonio, Paola

ABSTRACT:

Clostridium difficile, an etiological agent of most cases of
antibiotic-associated diarrhea, exerts its pathological action mainly...

...mixed Th1/Th2 orientation of immune response in naive CD4 T cells. In
conclusion, *C. difficile* SLPs may contribute to the pathogenicity of
the bacterium by perturbing the fine balance of...

...in the light of the possible use of SLPs in a multicomponent vaccine
against *C. difficile* infections for high-risk patients.

...DESCRIPTORS: 12; Interleukin 6; Lymphocytes T; Monocytes;
Pathogenicity; Risk groups; Toxin A; Toxin B; Vaccines; *Clostridium*
difficile

lactate dehydrogenase *Clostridium* txt

18/3, K/3 (Item 3 from file: 24)
DIALOG(R) File 24: CSA Life Sciences Abstracts
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0003180363 IP ACCESSION NO: 8032667
Tetracycline Resistance Gene *tet(W)* in the Pathogenic Bacterium *Clostridium difficile*

Spiaggia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola
Department of Infectious, Parasitic and Immune-Mediated Diseases, Istituto
Superiore di Sanita, Rome, Italy

Antimicrobial Agents & Chemotherapy, v 52, n 2, p 770-773, February 2008
PUBLICATION DATE: 2008

PUBLISHER: American Society for Microbiology, 1752 N Street N.W
Washington, DC 20036 USA, [URL: <http://www.asm.org/>]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0066-4804
ELECTRONIC ISSN: 1098-6596
FILE SEGMENT: Bacteriology Abstracts (Microbiology B)
Tetracycline Resistance Gene *tet(W)* in the Pathogenic Bacterium *Clostridium difficile*

Spiaggia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

ABSTRACT:

In this study, the *tet(W)* gene region of a human clinical isolate of *Clostridium difficile* resistant to tetracycline was characterized. This gene was a new allele showing 99% sequence identity...

DESCRIPTORS: Clinical isolates; Tetracyclines; *Bifidobacterium longum*; *Clostridium difficile*

18/3, K/4 (Item 4 from file: 24)
DIALOG(R) File 24: CSA Life Sciences Abstracts
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0002957162 IP ACCESSION NO: 7139869
Horizontal Transfer of Erythromycin Resistance from *Clostridium difficile* to *Butyrivibrio fibrisolvens*

Spiaggia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola
Department of Infectious, Parasitic, and Immune-Mediated Diseases, Istituto
Superiore di Sanita, Rome, Italy

Antimicrobial Agents & Chemotherapy, v 49, n 12, p 5142-5145, December 2005
PUBLICATION DATE: 2005

PUBLISHER: American Society for Microbiology, 1752 N Street N.W
Washington, DC 20036 USA, [URL: <http://www.asm.org/>]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

ISSN: 0066-4804

ELECTRONIC ISSN: 1098-6596

FILE SEGMENT: Bacteriology Abstracts (Microbiology B)

Horizontal Transfer of Erythromycin Resistance from *Clostridium difficile* to *Butyrivibrio fibrisolvens*

Spi gaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

ABSTRACT:

... erythromycin resistance gene *erm*(B) between two obligate anaerobes, the human spore-forming pathogen *Clostridium difficile* and the rumen commensal *Butyrivibrio fibrisolvens*, suggesting that this event might occur also in the...

DESCRIPTORS: Antimicrobial agents; Commensals; Erythromycin; Horizontal transfer; Pathogens; Rumen; *Butyrivibrio fibrisolvens*; *Clostridium difficile*

18/3, K/5 (Item 5 from file: 24)

DIALOG(R) File 24: CSA Life Sciences Abstracts

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0002856081 IP ACCESSION NO: 6947098

New variants of the *tet*(M) gene in *Clostridium difficile* clinical isolates harbouring Tn916-like elements

Spi gaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola
Department of Infectious, Parasitic and Immune-mediated Diseases, Istituto Superiore di Sanita Viale Regina Elena 299, 00161 Rome, Italy

Journal of Antimicrobial Chemotherapy, v 57, n 6, p 1205-1209, June 2006

PUBLICATION DATE: 2006

PUBLISHER: Oxford University Press, Oxford Journals, Great Clarendon Street Oxford OX2 6DP UK, [mailto:journal.samples@oup.co.uk], [URL: <http://www3.oup.co.uk/journals/>]

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract

LANGUAGE: English

SUMMARY LANGUAGE: English

ISSN: 0305-7453

FILE SEGMENT: Bacteriology Abstracts (Microbiology B)

New variants of the *tet*(M) gene in *Clostridium difficile* clinical isolates harbouring Tn916-like elements

Spi gaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

ABSTRACT:

OBJECTIVES: To detect Tn916-like elements in *Clostridium difficile* clinical isolates from different time periods and to analyse the genetic structure of these elements, in particular the *tet*(M) region. METHODS: Ninety *C. difficile* clinical isolates were examined by PCR assays for *tet*(M) and *int*, which are markers...

...investigated by PCR mapping and hybridization assays. The *tet*(M) region of eight selected *C. difficile* isolates was sequenced. RESULTS: Nineteen isolates were *tet*(M)/*int* positive and the majority (12...

...tetracycline resistant, three inducibly resistant and five susceptible.

lactate dehydrogenase cl o s t r i d i u m t x t

Fifty-eight per cent of the *C. difficile* isolates harboured one Tn916 element and 42% harboured two. Most isolates showed elements with a...

...tet(M) variants were identified, five of which have never been described before. CONCLUSIONS: *C. difficile* isolates harbouring Tn916-like elements have mainly been isolated since 1997, suggesting a recent circulation of these elements among *C. difficile* strains in Italian hospitals. Molecular analysis of these Tn916-like elements showed that they may...

... DESCRIPTORS: reaction; Genetic structure; Tetracyclines; Minimum inhibitory concentration; Gene mapping; Hospitals; Transposons; Protein sorting signals; *Clostridium difficile*; *Enterococcus faecalis*

18/3, K/6 (Item 6 from file: 24)
DI ALOG(R) File 24: CSA Life Sciences Abstracts
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0002743474 IP ACCESSION NO: 6415789
ErnB Determinants and Tn916-Like Elements in Clinical Isolates of *Clostridium difficile*

Spiaggia, Patrizia; Carucci, Valentina; Barbanti, Fabrizio;
Mastrantonio, Paola
Department of Infectious, Parasitic and Immune-Mediated Diseases, Istituto
Superiore di Sanita, Rome, Italy

Antimicrobial Agents & Chemotherapy, v 49, n 6, p 2550-2553, June 2005
PUBLICATION DATE: 2005

PUBLISHER: American Society for Microbiology, 1752 N Street N.W
Washington, DC 20036 USA, [URL: <http://www.asm.org/>]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0066-4804
FILE SEGMENT: Bacteriology Abstracts (Microbiology B)
ErnB Determinants and Tn916-Like Elements in Clinical Isolates of *Clostridium difficile*

Spiaggia, Patrizia; Carucci, Valentina; Barbanti, Fabrizio;
Mastrantonio, Paola

ABSTRACT:

Erythromycin and tetracycline resistance was analyzed in 37 *Clostridium difficile* clinical isolates. Strains of different clonal origins showed different erythromycin and tetracycline resistance determinants and...

...strains of recent isolation, the presence of Tn916-like elements, never found before in *C. difficile* clinical isolates, has been demonstrated.

DESCRIPTORS: Clinical isolates; Erythromycin; Antibiotic resistance; Tetracyclines; Antimicrobial agents; *Clostridium difficile*

18/3, K/7 (Item 1 from file: 393)

DI ALOG(R) File 393: Beilstein Database - Abstracts
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Beilstein Abstract Id: 6712340

Title: Tetracycline resistance gene tet(W) in the pathogenic bacterium
Clostridium difficile

Document Type: Journal Record Type: Abstract

Author: Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio,
Paola

Citation: Antimicrob. Agents & Chemother. (2008) Series: 52-2, 770 - 773

CODEN: AMACQ Language: English

Abstract Language: English

Title: Tetracycline resistance gene tet(W) in the pathogenic bacterium
Clostridium difficile

Author: Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio,
Paola

Abstract: In this study, the tet(W) gene region of a human clinical
isolate of *Clostridium difficile* resistant to
tetracycline was characterized. This gene was a new allele
showing 99 percent sequence...

18/3, K/8 (Item 2 from file: 393)

DI ALOG(R) File 393: Beilstein Database - Abstracts
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Beilstein Abstract Id: 6553660

Title: Horizontal Transfer of Erythromycin Resistance from *Clostridium*
difficile to *Butyrivibrio fibrisolvens*

Document Type: Journal Record Type: Abstract

Author: Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio,
Paola

Citation: Antimicrob. Agents & Chemother. (2005) Series: 49-12, 5142 -
5145 CODEN: AMACQ Language: English

Abstract Language: English

Title: Horizontal Transfer of Erythromycin Resistance from *Clostridium*
difficile to *Butyrivibrio fibrisolvens*

Author: Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio,
Paola

... Abstract: erythromycin resistance gene erm(B) between two obligate
anaerobes, the human spore-forming pathogen *Clostridium*
difficile and the rumen commensal *Butyrivibrio*
fibrisolvens, suggesting that this event might occur also in
the...

18/3, K/9 (Item 3 from file: 393)

DI ALOG(R) File 393: Beilstein Database - Abstracts
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Beilstein Abstract Id: 6538725

Title: ErmB Determinants and Tn916-Like Elements in Clinical Isolates of
Clostridium difficile

Document Type: Journal Record Type: Abstract

Author: Spigaglia, Patrizia; Carucci, Valentina; Barbanti, Fabrizio;
Mastrantonio, Paola

Citation: Antimicrob. Agents & Chemother. (2005) Series: 49-6, 2550 -
2553 CODEN: AMACQ Language: English

Abstract Language: English

Title: ErmB Determinants and Tn916-Like Elements in Clinical Isolates of

lactate dehydrogenase clostridium txt

Clostridium difficile

Author: Spigaglia, Patrizia; Carucci, Valentina; Barbanti, Fabrizio;
Mastrantonio, Paola

Abstract: Erythromycin and tetracycline resistance was analysed in 37
Clostridium difficile clinical isolates. Strains of
different clonal origins showed different erythromycin and
tetracycline resistance determinants and...

... strains of recent isolation, the presence of Tn916-like elements, never
found before in C. difficile clinical isolates, has been
demonstrated.

18/3, K/10 (Item 1 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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151096905 CA: 151(5)96905j JOURNAL

Hypervirulent antibiotic resistant Clostridium difficile in Europe

CORPORATE AUTHOR(S): European Study Group on Clostridium difficile
(ESGOD)

AUTHOR(S): Mastrantonio, Paola; Barbanti, Fabrizio; Spigaglia, Patrizia

LOCATION: Department of Infectious, Parasitic and Immune-mediated
Diseases, Istituto Superiore di Sanita, 00161, Rome, Italy

JOURNAL: Microb. Ecol. Health Dis. (Microbial Ecology in Health and
Disease) DATE: 2008 VOLUME: 20 NUMBER: 4 PAGES: 210-212 CODEN: MEHDE6

ISSN: 0891-060X LANGUAGE: English PUBLISHER: Informa Healthcare

18/3, K/11 (Item 2 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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151096607 CA: 151(5)96607p CONFERENCE PROCEEDING

Antibiotic resistance determinants in Clostridium difficile

AUTHOR(S): Mastrantonio, Paola; Spigaglia, Patrizia

LOCATION: Department of Infectious, Parasitic and Immune-mediated
Diseases, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: Clostridia (Clostridia) EDITOR: Brueggemann, Holger (Ed),
Gottschalk, Gerhard (Ed), DATE: 2009 PAGES: 169-177 CODEN: 69LGQO

LANGUAGE: English PUBLISHER: Caister Academic Press, Norwich, UK ISBN:
978-1-904455-38-7

18/3, K/12 (Item 3 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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150558777 CA: 150(26)558777h JOURNAL

Molecular analysis of the gyrA and gyrB quinolone resistance-determining
regions of fluoroquinolone-resistant Clostridium difficile mutants
selected in vitro

AUTHOR(S): Spigaglia, Patrizia; Barbanti, Fabrizio; Louie, Thomas;
Barbut, Frederic; Mastrantonio, Paola

LOCATION: Department of Infectious, Parasitic and Immune-Mediated
Diseases, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: Antimicrob. Agents Chemother. (Antimicrobial Agents and
Chemotherapy) DATE: 2009 VOLUME: 53 NUMBER: 6 PAGES: 2463-2468 CODEN:
AMACQ ISSN: 0066-4804 LANGUAGE: English PUBLISHER: American Society for
Microbiology

18/3, K/13 (Item 4 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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150255373 CA: 150(13)255373g JOURNAL

Fluoroquinolone resistance in *Clostridium difficile* isolates from a prospective study of *C. difficile* infections in Europe

CORPORATE AUTHOR(S): European Study Group on *Clostridium difficile* ESGCD

AUTHOR(S): Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola; Brazier, Jon S.; Barbut, Frederic; Delmee, Michel; Kuijper, Ed; Poxton, Ian R.

LOCATION: Department of Infectious, Parasitic and Immune-mediated Diseases, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: J. Med. Microbiol. (Journal of Medical Microbiology) DATE: 2008

VOLUME: 57 NUMBER: 6 PAGES: 784-789 CODEN: JMM AV ISSN: 0022-2615

LANGUAGE: English PUBLISHER: Society for General Microbiology

18/3, K/14 (Item 5 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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150053888 CA: 150(4)53888t JOURNAL

Clostridium difficile TxAC314 and SLP-36kDa enhance the immune response toward a co-administered antigen

AUTHOR(S): Brun, Paola; Scarpa, Melania; Grillo, Alessia; Palu, Giorgio; Mengoli, Carlo; Zecconi, Alfonso; Spigaglia, Patrizia; Mastrantonio, Paola; Castagliuolo, Ignazio

LOCATION: Department of Histology, Microbiology and Medical Biotechnologies, University of Padua, Padua, Italy

JOURNAL: J. Med. Microbiol. (Journal of Medical Microbiology) DATE: 2008

VOLUME: 57 NUMBER: 6 PAGES: 725-731 CODEN: JMM AV ISSN: 0022-2615

LANGUAGE: English PUBLISHER: Society for General Microbiology

18/3, K/15 (Item 6 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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148160875 CA: 148(8)160875s JOURNAL

Detection of a Genetic Linkage Between Genes Coding for Resistance to Tetracycline and Erythromycin in *Clostridium difficile*

AUTHOR(S): Spigaglia, Patrizia; Barbanti, Fabrizio; Mastrantonio, Paola

LOCATION: Department of Infectious, Parasitic and Immune-mediated Diseases, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: Microb. Drug Resist. (New Rochelle, NY, U. S.) (Microbial Drug Resistance (New Rochelle, NY, United States)) DATE: 2007 VOLUME: 13

NUMBER: 2 PAGES: 90-95 CODEN: MDREFJ ISSN: 1076-6294 LANGUAGE: English PUBLISHER: Mary Ann Liebert, Inc.

18/3, K/16 (Item 7 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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142370605 CA: 142(20)370605f JOURNAL

Comparative analysis of *Clostridium difficile* clinical isolates belonging to different genetic lineages and time periods

AUTHOR(S): Spigaglia, Patrizia; Mastrantonio, Paola

LOCATION: Department of Infectious, Parasitic and Immunomediated Diseases, Istituto Superiore di Sanita, 00161, Rome, Italy

JOURNAL: J. Med. Microbiol. (Journal of Medical Microbiology) DATE: 2004

VOLUME: 53 NUMBER: 11 PAGES: 1129-1136 CODEN: JMM AV ISSN: 0022-2615

LANGUAGE: English PUBLISHER: Society for General Microbiology

18/3, K/17 (Item 8 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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139208372 CA: 139(14)208372u JOURNAL

Evaluation of repetitive element sequence-based PCR as a molecular typing method for *Clostridium difficile*

AUTHOR(S): Spigaglia, Patrizia; Mastrantonio, Paola

LOCATION: Bacteriology and Medical Mycology Laboratory, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: J. Clin. Microbiol. (Journal of Clinical Microbiology) DATE:

2003 VOLUME: 41 NUMBER: 6 PAGES: 2454-2457 CODEN: JCM DW ISSN:

0095-1137 LANGUAGE: English PUBLISHER: American Society for Microbiology

18/3, K/18 (Item 9 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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138118102 CA: 138(9)118102f JOURNAL

Molecular analysis of the pathogenicity locus and polymorphism in the putative negative regulator of toxin production (TcdC) among *Clostridium difficile* clinical isolates

AUTHOR(S): Spigaglia, Patrizia; Mastrantonio, Paola

LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: J. Clin. Microbiol. (Journal of Clinical Microbiology) DATE:

2002 VOLUME: 40 NUMBER: 9 PAGES: 3470-3475 CODEN: JCM DW ISSN:

0095-1137 LANGUAGE: English PUBLISHER: American Society for Microbiology

18/3, K/19 (Item 10 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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137152196 CA: 137(11)152196d JOURNAL

Analysis of macrolide-lincosamide-streptogramin B (MLSB) resistance determinant in strains of *Clostridium difficile*

AUTHOR(S): Spigaglia, Patrizia; Mastrantonio, Paola

LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto Superiore di Sanita, Rome, Italy

JOURNAL: Microb. Drug Resist. (Larchmont, NY, U. S.) (Microbial Drug Resistance (Larchmont, NY, United States)) DATE: 2002 VOLUME: 8 NUMBER:

1 PAGES: 45-53 CODEN: MDREFJ ISSN: 1076-6294 LANGUAGE: English

PUBLISHER: Mary Ann Liebert, Inc.

18/3, K/20 (Item 11 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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137045065 CA: 137(4)45065p JOURNAL

Binding of *Clostridium difficile* to Caco-2 epithelial cell line and to extracellular matrix proteins

AUTHOR(S): Cerquetti, Marina; Serafino, Annalucia; Sebastianelli, Annalisa; Mastrantonio, Paola

LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto Superiore di Sanita, 00161, Rome, Italy

JOURNAL: FEMS Immunol. Med. Microbiol. (FEMS Immunology and Medical Microbiology) DATE: 2002 VOLUME: 32 NUMBER: 3 PAGES: 211-218 CODEN:

FIM EV ISSN: 0928-8244 PUBLISHER ITEM IDENTIFIER: 0928-8244(01)00301-7

lactate dehydrogenase clostridium txt
LANGUAGE: English PUBLISHER: Elsevier Science B. V.

18/3, K/21 (Item 12 from file: 399)
DI ALOG(R) File 399: CA SEARCH(R)
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135043236 CA: 135(4)43236e JOURNAL
Molecular and genomic analysis of genes encoding surface-anchored
proteins from *Clostridium difficile*
AUTHOR(S): Karjalainen, Tuomo; Valigora-Dupriet, Anne-Judith; Cerquetti,
Marina; Spigaglia, Patrizia; Maggioli, Andrea; Mauri, Pierluigi;
Mastrantonio, Paola
LOCATION: Dep. Microbiol., Fac. Pharm., Université de Paris-Sud, 92296,
Chatenay-Malabry, Fr.
JOURNAL: Infect. Immun. DATE: 2001 VOLUME: 69 NUMBER: 5 PAGES:
3442-3446 CODEN: INFI BR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

18/3, K/22 (Item 13 from file: 399)
DI ALOG(R) File 399: CA SEARCH(R)
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133346858 CA: 133(25)346858j JOURNAL
Characterization of surface layer proteins from different *Clostridium*
difficile clinical isolates
AUTHOR(S): Cerquetti, Marina; Molinari, Agnese; Sebastianelli, Annalisa;
Diociaiuti, Marco; Petruzzelli, Raffaele; Capo, Concetta; Mastrantonio,
Paola
LOCATION: Department of Bacteriology and Medical Mycology, Istituto
Superiore di Sanita, 00161, Rome, Italy
JOURNAL: Microb. Pathog. DATE: 2000 VOLUME: 28 NUMBER: 6 PAGES:
363-372 CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English PUBLISHER:
Academic Press

18/3, K/23 (Item 14 from file: 399)
DI ALOG(R) File 399: CA SEARCH(R)
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126168853 CA: 126(13)168853z JOURNAL
Clostridium difficile: an update on virulence mechanisms
AUTHOR(S): Mastrantonio, Paola; Pantosti, Annalisa; Cerquetti, Marina;
Fiorentini, Carla; Donelli, Gianfranco
LOCATION: Laboratory of Bacteriology and Medical Mycology, Istituto
Superiore di Sanita, 00161, Rome, Italy
JOURNAL: Anaerobe DATE: 1996 VOLUME: 2 NUMBER: 6 PAGES: 337-343
CODEN: ANAEF8 ISSN: 1075-9964 LANGUAGE: English PUBLISHER: Academic

18/3, K/24 (Item 15 from file: 399)
DI ALOG(R) File 399: CA SEARCH(R)
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125296866 CA: 125(23)296866p JOURNAL
Clostridium difficile and its surface proteins
AUTHOR(S): Mastrantonio, Paola; Pantosti, Annalisa; Cerquetti, Marina;
Molinari, Agnese; Gelosia, Antonella; Donelli, Gianfranco
LOCATION: Dept. of Bacteriology and Medical Mycology, Istituto Superiore
di Sanita, 00161, Rome, Italy
JOURNAL: Mikrobiol. Ther. DATE: 1995 VOLUME: 23 NUMBER: Beitrage zum
XVIII. Internationalen Symposium fuer Mikrobielle Oekologie und

lactate dehydrogenase clostridium.txt
Krankheiten, 1993 PAGES: 94-101 CODEN: MTHE4 ISSN: 0720-0536
LANGUAGE: English

18/3, K/25 (Item 16 from file: 399)
DI ALOG(R) File 399: CA SEARCH(R)
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118231813 CA: 118(23)231813p JOURNAL
Purification and characterization of an immunodominant 36 kD antigen
present on the cell surface of *Clostridium difficile*
AUTHOR(S): Cerquetti, Marina; Pantosti, Annalisa; Stefanelli, Paola;
Mastrantonio, Paola
LOCATION: Lab. Med. Bacteriol. Mycol., Inst. Super. Sanita, Rome, Italy
JOURNAL: Microb. Pathog. DATE: 1992 VOLUME: 13 NUMBER: 4 PAGES: 271-9
CODEN: MPAEV ISSN: 0882-4010 LANGUAGE: English

18/3, K/26 (Item 17 from file: 399)
DI ALOG(R) File 399: CA SEARCH(R)
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118185505 CA: 118(19)185505q CONFERENCE PROCEEDING
Cytotoxicity of *Clostridium difficile* toxin A on a rat intestinal cell
line
AUTHOR(S): Donelli, Gianfranco; Fiorentini, Carla; Mastrantonio, Paola;
Thelustein, Monica
LOCATION: Dep. Ultrastruct., Ist. Super. Sanita', 00161, Rome, Italy
JOURNAL: Recent Adv. Toxinol. Res., (World Conf. Anim. Plant Microb.
Toxin), 10th EDITOR: Gopalakrishnakone, P. (Ed), Tan, Choon Kim (Ed),
DATE: 1992 VOLUME: 3, PAGES: 406-20 CODEN: 58UAAH LANGUAGE: English
PUBLISHER: Natl. Univ. Singapore, Venom Toxin Res. Group, Singapore,
Singapore

18/3, K/27 (Item 18 from file: 399)
DI ALOG(R) File 399: CA SEARCH(R)
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117084941 CA: 117(9)84941c JOURNAL
Clostridium difficile toxin A induces multinucleation in the human
leukemic T cell line JURKAT
AUTHOR(S): Fiorentini, Carla; Chow, Sek Chen; Mastrantonio, Paola;
Jeddi-Tehrani, Mahmood; Thelustein, Monica
LOCATION: Dep. Ultrastruct., Ist. Super. Sanita, Rome, Italy
JOURNAL: Eur. J. Cell Biol. DATE: 1992 VOLUME: 57 NUMBER: 2 PAGES:
292-7 CODEN: EJCBDN ISSN: 0171-9335 LANGUAGE: English

18/3, K/28 (Item 1 from file: 149)
DI ALOG(R) File 149: TGG Health&Wellness DB(SM)
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02938821 SUPPLIER NUMBER: 98250052 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Invasive type e *Haemophilus influenzae* disease in Italy. (Dispatches).
Cerquetti, Marina; degli Atti, Marta Luisa Gofi; Cardines, Rita; Salmaso,
Stefania; Renna, Giovanna; Mastrantonio, Paola
Emerging Infectious Diseases, 9, 2, 258(4)
Feb,
2003
PUBLICATION FORMAT: Magazine/Journal ISSN: 1080-6040 LANGUAGE: English
RECORD TYPE: Fulltext TARGET AUDIENCE: Academic; Professional
WORD COUNT: 2993 LINE COUNT: 00273

I act at edehydr ogenasecl ost ri di um t xt

... Mastrantonio, Paola
 ... 2001). Her research interests include investigations on mechanisms
 of pathogenesis in *H. influenzae* and *Clostridium difficile*.
 ? e au=burnie, j ?

Ref	Items	Index-term
E1	3	AU=BURNIE, J. P.
E2	4	AU=BURNIE, J*
E3	0	*AU=BURNIE, J?
E4	22	AU=BURNIE, JAMES
E5	2	AU=BURNIE, JAMES P
E6	3	AU=BURNIE, JAMES P (ED)
E7	13	AU=BURNIE, JAMES P.
E8	21	AU=BURNIE, JAMES PETER
E9	64	AU=BURNIE, JP
E10	6	AU=BURNIE, JP*
E11	2	AU=BURNIE, KL
E12	2	AU=BURNIE, N.

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3	AU=BURNIE, J. P.
4	AU=BURNIE, J*
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22	AU=BURNIE, JAMES
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3	AU=BURNIE, JAMES P (ED)
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21	AU=BURNIE, JAMES PETER

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20/3, K/1 (Item 1 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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144127496 CA: 144(8)127496p PATENT

Treatment of bacterial infections via inhibition of acetyl-CoA
 acetyltransferase

INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine; Carter,
 Tracey

LOCATION: UK,

ASSIGNEE: Neutec Pharma PLC

PATENT: PCT International ; WO 200603426 A1 DATE: 20060112

APPLICATION: WO 2005GB2607 (20050701) *GB 200414886 (20040702)

PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C07K-016/12A; A61K-039/395B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;

lactate dehydrogenase clostridium txt

BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
 GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR;
 LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG;
 PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ;
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 NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML;
 MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM;
 ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

20/3, K/2 (Item 2 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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141394083 CA: 141(24)394083q PATENT

Antibody repertoire against Clostridium difficile

INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine

LOCATION: UK,

ASSIGNEE: Neutec Pharma PLC

PATENT: PCT International ; WO 200494474 A1 DATE: 20041104

APPLICATION: WO 2004GB1619 (20040414) *GB 20039126 (20030417)

PAGES: 91 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C07K-016/12A; A61K-039/40B; C12Q-001/68B; G01N-033/563B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
 BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
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 LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
 PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
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 SN; TD; TG

20/3, K/3 (Item 3 from file: 399)

DI ALOG(R) File 399: CA SEARCH(R)

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141291235 CA: 141(18)291235m PATENT

Protein and cDNA sequences of a novel Clostridium difficile lactate
 dehydrogenase and diagnostic and therapeutic use for bacterial infection

INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine

LOCATION: UK,

ASSIGNEE: Neutec Pharma PLC

PATENT: PCT International ; WO 200485637 A1 DATE: 20041007

APPLICATION: WO 2004GB1383 (20040325) *GB 20036782 (20030325)

PAGES: 42 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: C12N-009/02A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
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E2	1	AU=MATTHEWS,	R*
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E4	122	AU=MATTHEWS,	RA
E5	2	AU=MATTHEWS,	RA JR
E6	2	AU=MATTHEWS,	RA*
E7	10	AU=MATTHEWS,	RACHEL
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E8	1	AU=MATTHEWS, ROBERT CHARLES
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E34	1	AU=MATTHEWS,	ROBERT STANLEY
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E22	1	AU=MATTHEWS,	ROLAND P.
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E34	1	AU=MATTHEWS, RONALD J.
E35	1	AU=MATTHEWS, RONALD W
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E5	1	AU=MATTHEWS, ROY S.
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E7	1	AU=MATTHEWS, ROY WALLACE, I I I
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E15	1	AU=MATTHEWS,	RURAL ST.
E16	7	AU=MATTHEWS,	RUSSEL T.
E17	1	AU=MATTHEWS,	RUSSELL
E18	2	AU=MATTHEWS,	RUSSELL A.
E19	1	AU=MATTHEWS,	RUSSELL DAVI D
E20	3	AU=MATTHEWS,	RUSSELL E.
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E22	19	AU=MATTHEWS,	RUSSELL T
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E26	36	AU=MATTHEWS, RUTH
E27	3	AU=MATTHEWS, RUTH (ED)
E28	8	AU=MATTHEWS, RUTH C
E29	13	AU=MATTHEWS, RUTH C.
E30	17	AU=MATTHEWS, RUTH CHRI STI NE
E31	3	AU=MATTHEWS, RUTH H
E32	12	AU=MATTHEWS, RUTH H.
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E34	2	AU=MATTHEWS, RV
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17	AU=MATTHEWS, RUTH CHRI STI NE
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>>>KW C option is not available in file(s): 399

23/3, K/1 (Item 1 from file: 399)
DI ALOG(R) File 399: CA SEARCH(R)
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lactate dehydrogenase clostridium txt
 144127496 CA: 144(8)127496p PATENT
 Treatment of bacterial infections via inhibition of acetyl-CoA
 acetyltransferase
 INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine; Carter,
 Tracey
 LOCATION: UK,
 ASSIGNEE: Neutec Pharma PLC
 PATENT: PCT International ; WO 200603426 A1 DATE: 20060112
 APPLICATION: WO 2005GB2607 (20050701) *GB 200414886 (20040702)
 PAGES: 59 pp. CODEN: PIXXD2 LANGUAGE: English
 PATENT CLASSIFICATIONS:
 CLASS: C07K-016/12A; A61K-039/395B
 DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
 BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
 GE; GH; GM; GR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK; LR;
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 PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ;
 UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: AT; BE; BG; CH;
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 MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM;
 ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

23/3, K/2 (Item 2 from file: 399)
 DIALOG(R) File 399: CA SEARCH(R)
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141394083 CA: 141(24)394083q PATENT
 Antibody repertoire against Clostridium difficile
 INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine
 LOCATION: UK,
 ASSIGNEE: Neutec Pharma PLC
 PATENT: PCT International ; WO 200494474 A1 DATE: 20041104
 APPLICATION: WO 2004GB1619 (20040414) *GB 20039126 (20030417)
 PAGES: 91 pp. CODEN: PIXXD2 LANGUAGE: English
 PATENT CLASSIFICATIONS:
 CLASS: C07K-016/12A; A61K-039/40B; C12Q-001/68B; G01N-033/563B
 DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
 BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
 GE; GH; GM; GR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
 LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
 PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
 UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ;
 SD; SL; SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE;
 BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL;
 PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
 SN; TD; TG

23/3, K/3 (Item 3 from file: 399)
 DIALOG(R) File 399: CA SEARCH(R)
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141291235 CA: 141(18)291235m PATENT
 Protein and cDNA sequences of a novel Clostridium difficile lactate
 dehydrogenase and diagnostic and therapeutic use for bacterial infection
 INVENTOR(AUTHOR): Burnie, James Peter; Matthews, Ruth Christine
 LOCATION: UK,
 ASSIGNEE: Neutec Pharma PLC
 PATENT: PCT International ; WO 200485637 A1 DATE: 20041007
 APPLICATION: WO 2004GB1383 (20040325) *GB 20036782 (20030325)
 PAGES: 42 pp. CODEN: PIXXD2 LANGUAGE: English

l act at edehydr ogenase cl ostr i di um t xt

PATENT CLASSI FI CATI ONS:

CLASS: C12N-009/02A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ;
SD; SL; SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE;
BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL;
PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE;
SN; TD; TG

23/3, K/4 (Item 4 from file: 399)

DIALOG(R) File 399: CA SEARCH(R)

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105131784 CA: 105(15)131784t JOURNAL

Immunoblotting to demonstrate antigenic and immunogenic differences among
nine standard strains of Clostridium difficile

AUTHOR(S): Heard, Shelley R.; Rasburn, Barbara; Matthews, Ruth C.;
Tabaqchali, Soad

LOCATION: Dep. Med. Microbiol., St. Bartholomew's Hosp. Med. Coll.,
London, UK, EC1A 7BE

JOURNAL: J. Clin. Microbiol. DATE: 1986 VOLUME: 24 NUMBER: 3 PAGES:
384-7 CODEN: JCM DW ISSN: 0095-1137 LANGUAGE: English
? ds

Set	Items	Description
S1	116	E1-E8
S2	11	S1 AND ((DIFFICILE) OR (CLOSTRIDIUM(W)DIFFICILE))
S3	9	RD (unique items)
S4	0	S3 AND 36(W)KDA
S5	1	S3 AND 36
S6	592	E2-E11
S7	72	S6 AND DIFFICILE
S8	21	RD (unique items)
S9	1	S8 AND 36
S10	50	AU='STEFANELLI, PAOLA'
S11	32	RD (unique items)
S12	1	S11 AND DIFFICILE
S13	111	AU='MASTRANTONI O, PAOLA'
S14	0	AU='MASTRANTONI O, PAOLA' AND AU='MASTRANTONI S N'
S15	0	AU='MASTRANTONI O, PAOLA' AND AU='MASTRANTONI O, STEFANIA'
S16	111	AU='MASTRANTONI O, PAOLA'
S17	42	S16 AND DIFFICILE
S18	28	RD (unique items)
S19	67	E1-E8
S20	3	S19 AND DIFFICILE
S21	92	E26-E33
S22	4	S21 AND DIFFICILE
S23	4	RD (unique items)

? s difficile and dehydrogenase

Processing

Processed 30 of 50 files ...

Completed processing all files

350 DIFFICILE

1126924 DEHYDROGENASE

S24 3 DIFFICILE AND DEHYDROGENASE

? rd

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

Processed 40 of 50 files ...

S25 3 RD (unique items)

? t s25/3,k/1-3

>>>KW C option is not available in file(s): 399

25/3,K/1 (Item 1 from file: 5)

DIALOG(R) File 5: Biosis Previews(R)

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0019664088 BIOSIS NO.: 200700323829

Performance of TechLab C. DIFF CHECK (TL-Ag) in combination with

C-difficile Tox A/B II (TL-Tox), triage C-difficile panels

(Tr-Ag, and Tr-Tox), and a cytotoxin assay (CTA) for the diagnosis of

C-difficile-associated diarrhea (CDAD)

AUTHOR: Hussain Z (Reprint); Snell H; Rams M; Longo S; John M A

AUTHOR ADDRESS: London Hlth Sci Ctr, London, ON, Canada**Canada

JOURNAL: Abstracts of the General Meeting of the American Society for

Microbiology 104 p179-180 2004 2004

CONFERENCE/MEETING: 104th General Meeting of the

American-Society-for-Microbiology New Orleans, LA, USA May 23 -27, 2004;

20040523

SPONSOR: Amer Soc Microbiol

ISSN: 1060-2011

DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Citation

LANGUAGE: English

...TL-Ag) in combination with C-difficile Tox A/B II (TL-Tox), triage C-difficile panels (Tr-Ag, and Tr-Tox), and a cytotoxin assay (CTA) for the diagnosis of...

... REGISTRY NUMBERS: glutamate dehydrogenase

... ENZYME COMMISSION NUMBER: glutamate dehydrogenase

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ... glutamate dehydrogenase;

25/3,K/2 (Item 2 from file: 5)

DIALOG(R) File 5: Biosis Previews(R)

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12398640 BIOSIS NO.: 199497419925

Clostridium difficile toxin A stimulates enzyme secretion from

isolated rat pancreatic acini

AUTHOR: Malecka-Panas Ewa (Reprint); Triadafilopoulos George; Tsukamoto

Hidekazu; Howitt Geraldine; Pothoulakis Charalambos; Lamont Thomas

AUTHOR ADDRESS: Dep. Dig. Tract Dis. Metab. Disorders, Med. Sch., ul.

Kopcińskiego 22, 90-153 Lodz, Poland**Poland

JOURNAL: Materia Medica Polona 25 (3-4): p127-131 1993 1993

ISSN: 0025-5246

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

Clostridium difficile toxin A stimulates enzyme secretion from

isolated rat pancreatic acini

... REGISTRY NUMBERS: LACTATE DEHYDROGENASE;

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ... LACTATE DEHYDROGENASE;

MISCELLANEOUS TERMS: ... LACTATE DEHYDROGENASE;

CONCEPT CODES:

25/3, K/3 (Item 1 from file: 73)
DIALOG(R) File 73: EMBASE
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0072886813 EMBASE No: 1985142229

12beta-Dehydrogenation of bile acids by *Clostridium paraputrificum*, *C. tertium* and *C. difficile* and epimerization at carbon-12 of deoxycholic acid by cocultivation with 12alpha-dehydrogenating *Eubacterium lentum*

Edenharder R.; Schneider J.

Institute of Hygiene, University of Mainz, D-6500 Mainz, Germany:

CORRESP. AUTHOR/AFFIL: Institute of Hygiene, University of Mainz, D-6500 Mainz, Germany

Applied and Environmental Microbiology (APPL. ENVIRON. MICROBIOL.) (United States) August 7, 1985, 49/4 (964-968)

CODEN: AEMD ISSN: 0099-2240

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English

12beta-Dehydrogenation of bile acids by *Clostridium paraputrificum*, *C. tertium* and *C. difficile* and epimerization at carbon-12 of deoxycholic acid by cocultivation with 12alpha-dehydrogenating *Eubacterium lentum*

...*C. tertium* and 1 strain of *C. difficile*, together with a 3alpha- and 3beta-hydroxysteroid dehydrogenase system in many strains. Redox reactions at C-12 disubstituted and trisubstituted bile acids were...

...intermediate was achieved by cocultivation of *C. paraputrificum* and *Eubacterium lentum*, elaborating a 12alpha-hydroxysteroid dehydrogenase only. In addition, epimerization at C-12 was demonstrated with mixed human fecal cultures.

DRUG DESCRIPTORS:

*3(or 17)beta hydroxysteroid dehydrogenase; *3alpha hydroxysteroid dehydrogenase; *bile acid

MEDICAL DESCRIPTORS:

DRUG TERMS (UNCONTROLLED): 12alpha hydroxysteroid dehydrogenase;

12beta hydroxysteroid dehydrogenase

CAS REGISTRY NO.: 9015-81-0 (3(or 17)beta hydroxysteroid dehydrogenase); 9028-56-2 (3alpha hydroxysteroid dehydrogenase)